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May 7, 1985

Mr. Raymond Nye
U.S. Environmental Protection Agency
Region X
1200 Sixth Avenue, M/S 532
Seattle, Washington 98101

Mr. Doug Lowery
Northern Regional Office
Alaska Department of Environmental Conservation
Pouch 1601
Fairbanks, Alaska 99707

Subject: 1985 Compliance Test Plan - Prudhoe Bay Unit

Dear Sirs:

I have attached the Air Test Schedule for the Prudhoe Bay Unit that we discussed with the Environmental Protection Agency on May 3, 1985. During 1985 we plan to test five sources in the Prudhoe Bay Unit.

The specific turbine and heaters units to be tested in 1985 include:

1 - 7800 HP Sulzer turbine located at GC-1 for PWX.
1 - 320.0 MM Btu/hr heater located at SIPW for Waterflood.
1 - 29,000 HP Cooper Rolls turbine located at SIPE for Waterflood.
1 - 185.0 MM Btu/hr heater located at SIPE for Waterflood.
1 - 67.5 MM Btu/hr heater located at SIPE for Waterflood.

Selection of a contractor to do the testing will take place in June. A test plan will then be developed and submitted in July. Presently testing is planned for the week of August 5th through August 10th. If you have any questions please give me a call.

Sincerely,

Lynn Billington

Lynn Billington

attachment

cc: Jim Ives, Arco

2607a/LMB

AIR TEST SCHEDULE
Prudhoe Bay

Sea lift Year	Start-Up	Type/ Use	Qty	Location	Size(MHP)	Tests Qty/Yr
1981	1981	T/	3	FS-3(East)	1.2 (SS)	
1981	5/82	T/PWI	2	GC-2(West)	2.5(R/TA-2.5)	
1981	5/82	T/PWI	1	GC-2(West)	4.9(R/TB-5)	
1981	10/82	T/PWI	1	FS-2(East)	4.9(R/TB-5)	
1981	3/82	T/Gas	1	CCP(East)	25.0(GE 5)	1/1982
1981	9/82	T/LPS	2	FS-2(East)	35.0(GE 5)	
1981	1/84	T/PWI	2	FS-1(East)	4.9(R/TB-5)	
1981	2/83	T/PWI	1	FS-3(East)	4.9(R/TB-5)	Exempted
1982	1/83	T/IGL	1	GC-3(West)	4.9(R/TB-5)	
1982	2/83	T/PWI	1	FS-3(East)	4.9(R/TB-5)	
1982	1/83	T/PWI	2	FS-2(East)	4.9(R/TB-5)	
1982	1984	T/PWI	2	GC-3(West)	7.8(S/S3)	
1982	11/83	T/LPS	2	GC-2(West)	35.0(GE 5)	1/1984
1982	12/82	T/LPS	2	FS-3(East)	35.0(GE 5)	
1982	1986	H/LPS	2	GC-2(West)	16.8 MMBtu/hr(Z)	1/1986
1982	6/83	H/LPS	3	GC-2(West)	33.5 MMBtu/hr(CB)	1/1984
1983	1984	T/WF	3	SIPW(West)	2.5(R/TA-2.5)	
1983	1984	T/WF	4	SIPE(East)	2.5(R/TA-2.5)	1/1984
1983	1984	T/PWI	2	GC-2(West)	7.8(S/S3)	
1983	1984	T/PWI	2	GC-1(West)	7.8(S/S3)	1/1985
1983	1984	T/WF	2	SIPW(West)	29.0(CR/RB211)	
1983	1984	T/WF	3	SIPE(East)	29.0(CR/RB211)	1/1985
1983	1984	T/LPS	2	GC-1(West)	35.0(GE-5)	
1983	1984	T/LPS	2	GC-3(West)	35.0(GE-5)	
1983	1984	T/LPS	2	FS-1(East)	35.0(GE-5)	
1983	1984	T/AL	1	FS-3(East)	35.0(GE-5)	
1983	1984	H/LPS	5	GC-3(West)	33.5 MMBtu/hr(CB)	
1983	1987	H/PWX	1	GC-2(West)	38.0 MMBtu/hr(E)	
1983	1984	H/WF	2	SIPE(East)	67.5 MMBtu/hr (B)	1/1984 1/1985
1983	1984	H/WF	3	SIPE(East)	185.0 MMBtu/hr (E)	1/1985
1983	1984	H/WF	2	SIPW(West)	320.0 MMBtu/hr(C)	1/1985
1983	1984	H/WF	6	STP(East)	120 MMBtu/hr(L)	1/1984
1985	1986	T/GLT	2	GC-1(West)	35.0(CR/RB)	1/1986
1984	1986	T/PWI	1	FS-1(East)	4.9(R/TB-5)	
1985	1986	T/PWI	2	FS-2(East)	4.0(SC)	1/1986
1984	1984	T/PWI	2	FS-3(East)	4.9(R/TB-5)	
1986	1987	T/EOR	3	CCP(East)	36.0	
1986	1987	T/EOR	4	CCP/EOR(East)	36.0	
1986	1987	H/EOR	3	CCP/EOR(East)	160 MMBtu/hr	1/1987
1987	1988	T	1	CPS(West)	24.0 MW	1/1988
1987	1988	T/PWI	1	FS-1(East)	4.0(SC)	

T = Turbine H = Heater

B=Broach
C=Coen
CB=Cleaver-Brooks
CR=Cooper Rolls
E=Econotherm
GE=General Electric
L=Lummus
R=Ruston
SC=Solar-Centaur
SS=Solar-Saturn
S=Sulzer
Z=Zurn

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